

REMARKS

Claims 1-21 are pending in the present application. Claims 1-3, 5-11, 13, and 15-17 have been amended. Claims 19-21 are new. The Applicants would like to thank the Examiner for allowing Claim 14.

Claims 1-21 are now presented and considered to be in condition for allowance. The Applicants respectfully request reconsideration and allowance of all claims.

Rejection of Claims 1-13 and 15-18 under 35 U.S.C. §103(a) as being unpatentable over Byun

The Examiner has rejected Claims 1-13 and 15-18 under 35 U.S.C. §103(a) as being unpatentable over Byun (U.S. Patent No. 6,445,728). The Applicants respectfully traverse the rejection as Byun fails to teach or suggest all the claim limitations of Claims 1-13 and 15-18.

Claims 2-3, 6-7, 9-11, and 16-17 have been amended to provide better readability to the claim or to correct minor typographical errors

Claims 1 and 15 have been amended with the following limitation “wherein the coarse search comprises coarse search parameters selected by dividing a PN space into segments, selecting a number of noncoherent passes, and selecting an integration interval.”

Claims 5, 8, and 13 have been amended with the following limitation “wherein the coarse search parameters are selected by dividing a PN space into segments, selecting a number of noncoherent passes, and selecting an integration interval.” These amendments are supported in the specification and were made to further clarify the details of the coarse search.

Byun is directed to “establishing a search window size of a mobile station in a cellular system.” (Byun, col. 1, lines 16-17). Byun performs establishing a search window size based on the process illustrated in Figure 3 and detailed in col. 5, lines 1-30. Byun fails to teach or suggest the coarse search as required by the amended claims.

In view of the foregoing, reconsideration of the application and allowance of all claims is respectfully requested. The Examiner is invited to call the undersigned agent if a telephone call could help solve any remaining items.

Respectfully submitted,

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